

**AMENDMENTS IN THE CLAIMS:**

1. (Currently Amended) Cooling A cooling system for a mobile terminal for wireless communication, comprising:  
a rotating fan (1) adapted to reduce the heat generated by the mobile terminal, and  
at least one weight (3) which is coupled to said rotating fan (1) so that said weight is activated by a centrifugal force when the rotational speed of the fan (1) exceeds a predefined level in order to cause a vibration of the fan (1) by creating an unbalance of the rotation of the fan (1).
2. (Currently Amended) System A system according to claim 1, characterised in that wherein the fan (1) consists of blades (2).
3. (Currently Amended) System A system according claim 2, characterised in that wherein the fan (1) consists of four blades (2).
4. (Currently Amended) System A system according to claim 2 or 3, characterised in that wherein each weight (3) is attached to one blade (2).
5. (Currently Amended) System A system according to claim [4] 2, characterised in that wherein at least one blade (2) has no attached weight (3).
6. (Currently Amended) System A system according to any of claims 2 to 4 claim 2, characterised in that wherein the weight (3) is held to the centre (4) of the fan (1) by a spring (5).
7. (Currently Amended) System A system according to claim 6, characterised in that wherein the weight (3) is movable along the blade (2).

8. (Currently Amended) ~~System~~ A system according to claim 7, characterised in that wherein the weight (3) is guided along the blade (2) by a bar (8, 9, 10, 11).
9. (Currently Amended) ~~System~~ A system according to claim 8, characterised in that wherein the weight (3) encompasses the blade (2).
10. (Currently Amended) ~~System~~ A system according to claim 1, characterised in that wherein the weight (3) is coupled to the fan (4) by a clutch (12).
11. (Currently Amended) ~~System~~ A system according to claim 10, characterised in that wherein the weights (3) and the fan (4) have a common rotational axis (7).
12. (Currently Amended) ~~System~~ A system according to claim 11, characterised in that wherein the clutch (12) is a centrifugal clutch.
13. (Currently Amended) ~~Mobile~~ A mobile terminal for wireless communication having a cooling system according to any of the preceding claims claim 1.
14. (New) A system according to claim 3, wherein each weight is attached to one blade.